

09/927, 616

Refine Search

Search Results -

Terms	Documents
agrobact\$ and trifolitoxin	4

cflh

Database:

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 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

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DATE: Tuesday, August 15, 2006 [Printable Copy](#) [Create Case](#)Set Name Query
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result set

DB=PGPB,EPAB,JPAB,DWPI; PLUR=NO; OP=OR

L12 agrobact\$ and trifolitoxin 4 L12

L11 agrobact\$ and trifolitoxin 4 L11

DB=USPT; PLUR=NO; OP=OR

L10 agrobact\$ and trifolitoxin 3 L10

L9 biocontrol and L8 0 L9

L8 agrobacter\$ and L7 3 L8

L7 trifolitoxin 5 L7

L6 rhizobium and l1 3 L6

L5 biocontrol and l1 0 L5

L4 agrobact\$ and l1 1 L4

L3 tripllett-eric.in. 0 L3

L2 tripllett.in. 286 L2

L1 tripllett.in. 286 L1

5

END OF SEARCH HISTORY

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09/927,616

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NEWS 11 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and
and display fields
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NEWS 13 JUL 11 CHEMSAFE reloaded and enhanced
NEWS 14 JUL 14 FSTA enhanced with Japanese patents
NEWS 15 JUL 19 Coverage of Research Disclosure reinstated in DWPI
NEWS 16 AUG 09 INSPEC enhanced with 1898-1968 archive

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

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FILE 'HOME' ENTERED AT 15:27:38 ON 15 AUG 2006

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ENTRY	SESSION
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FILE 'CAPLUS' ENTERED AT 15:28:11 ON 15 AUG 2006

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FILE 'AGRICOLA' ENTERED AT 15:28:11 ON 15 AUG 2006

FILE 'BIOSIS' ENTERED AT 15:28:11 ON 15 AUG 2006
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=> s trifolitoxin
L1 94 TRIFOLITOXIN

=> s agribact? and l1
L2 0 AGRIBACT? AND L1

=> s agrobact? and l1
L3 12 AGROBACT? AND L1

=> dup rem l3
PROCESSING COMPLETED FOR L3
L4 8 DUP REM L3 (4 DUPLICATES REMOVED)

=> d 1-8

L4 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2002:142444 CAPLUS
DN 136:179302
TI Biological control of crown gall disease in plants with recombinant
trifolitoxin-producing α -proteobacteria
IN Triplett, Eric W.; Herlache, Thomas C.
PA Wisconsin Alumni Research Foundation, USA
SO PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002013614	A2	20020221	WO 2001-US25120	20010810
	WO 2002013614	A3	20020912		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	CA 2419890	AA	20020221	CA 2001-2419890	20010810
	AU 2001083283	A5	20020225	AU 2001-83283	20010810
	US 2002090354	A1	20020711	US 2001-927616	20010810
	EP 1307103	A2	20030507	EP 2001-962069	20010810
	EP 1307103	B1	20041201		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	AT 283632	E	20041215	AT 2001-962069	20010810
	NZ 523390	A	20060526	NZ 2001-523390	20010810
PRAI	US 2000-224929P	P	20000811		
	WO 2001-US25120	W	20010810		

L4 ANSWER 2 OF 8 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 AN 2002:355974 BIOSIS
 DN PREV200200355974
 TI Expression of a crown gall biological control phenotype in an avirulent strain of Agrobacterium vitis by addition of the trifolitoxin production and resistance genes.
 AU Herlache, Thomas C.; Triplett, Eric W. [Reprint author]
 CS Department of Agronomy,, University of Wisconsin-Madison, 1575 Linden Drive, Madison, WI, 53706, USA
 tcherlache@facstaff.wisc.edu; triplett@facstaff.wisc.edu
 SO BMC Biotechnology, (March 6, 2002) Vol. 2, No. 2 Cited May 5, 2002, pp. 1-7. <http://www.biomedcentral.com/content/pdf/1472-6750-2-2.pdf>. cited June 4, 2002. <http://www.biomedcentral.com/1472-6750>. online.
 ISSN: 1472-6750.
 DT Article
 LA English
 ED Entered STN: 26 Jun 2002
 Last Updated on STN: 26 Jun 2002

L4 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2002:380003 CAPLUS
 DN 137:106455
 TI Expression of a crown gall biological control phenotype in a virulent strain of Agrobacterium vitis by addition of the trifolitoxin production and resistance genes
 AU Herlache, Thomas C.; Triplett, Eric W.
 CS Department of Agronomy, University of Wisconsin-Madison, Madison, WI, 53706, USA
 SO BMC Biotechnology [online computer file] (2002), 2, No pp. given
 CODEN: BBMIE6; ISSN: 1472-6750
 URL: <http://www.biomedcentral.com/content/pdf/1472-6750-2-2.pdf>
 PB BioMed Central Ltd.
 DT Journal; (online computer file)
 LA English
 RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 8 CABA COPYRIGHT 2006 CABI on STN
 AN 2004:171982 CABA
 DN 20043152802
 TI Expression of a crown gall biological control phenotype in an avirulent strain of Agrobacterium vitis by addition of the trifolitoxin production and resistance genes
 AU Herlache, T. C.; Triplett, E. W.
 CS Department of Agronomy, University of Wisconsin-Madison, 1575 Linden Drive, Madison, WI 53706, USA. tcherlache@facstaff.wisc.edu; triplett@facstaff.wisc.edu
 SO BMC Biotechnology, (2002) Vol. 2, No. 2, pp. (6 March 2002). 31 ref.
 Publisher: BioMed Central Ltd. London
 ISSN: 1472-6750
 URL: <http://www.biomedcentral.com/1472-6750/2/2/abstract>
 CY United Kingdom
 DT Journal
 LA English
 ED Entered STN: 8 Nov 2004
 Last Updated on STN: 8 Nov 2004

L4 ANSWER 5 OF 8 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 AN 2000:319909 BIOSIS
 DN PREV200000319909
 TI Trifolitoxin production enhances biological control of A. vitis-induced crown gall.
 AU Herlache, T. C. [Reprint author]; Triplett, E. [Reprint author]
 CS University of Wisconsin-Madison, Madison, WI, USA

SO Phytopathology, (June, 2000) Vol. 90, No. 6 Supplement, pp. S35. print.
Meeting Info.: Annual Meeting of the American Phytopathological Society.
New Orleans, Louisiana, USA. August 12-16, 2000. American
Phytopathological Society.
CODEN: PHYTAJ. ISSN: 0031-949X.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 26 Jul 2000
Last Updated on STN: 7 Jan 2002

L4 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1
AN 1994:697016 CAPLUS
DN 121:297016
TI Expression of tfx and sensitivity to the rhizobial peptide antibiotic
trifolitoxin in a taxonomically distinct group of
 α -proteobacteria including the animal pathogen Brucella abortus
AU Triplett, Eric W.; Breil, Brenda T.; Splitter, Gary A.
CS Dep. of Agronomy, Univ. of Wisconsin, Madison, WI, 53706, USA
SO Applied and Environmental Microbiology (1994), 60(11), 4163-6
CODEN: AEMIDF; ISSN: 0099-2240
PB American Society for Microbiology
DT Journal
LA English

L4 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 2
AN 1990:113697 CAPLUS
DN 112:113697
TI A rapid bioassay for the activity of the antirhizobial peptide,
trifolitoxin
AU Triplett, Eric W.; Vogelzang, Robert D.
CS Cent. Study Nitrogen Fixation, Univ. Wisconsin, Madison, WI, 53706, USA
SO Journal of Microbiological Methods (1989), 10(3), 177-82
CODEN: JMIMDQ; ISSN: 0167-7012
DT Journal
LA English

L4 ANSWER 8 OF 8 CABA COPYRIGHT 2006 CABI on STN DUPLICATE 3
AN 89:18725 CABA
DN 19891930427
TI Isolation of genes involved in nodulation competitiveness from Rhizobium
leguminosarum bv. trifolii T24
AU Triplett, E. W.
CS Dep. Agron., Univ. Wisconsin, Madison, WI 53706-1597, USA.
SO Proceedings of the National Academy of Sciences of the United States of
America, (1988) Vol. 85, No. 11, pp. 3810-3814. 2 fig., 5 tab. 29 ref.
ISSN: 0027-8424
DT Journal
LA English
ED Entered STN: 1 Nov 1994
Last Updated on STN: 1 Nov 1994

=> d his

(FILE 'HOME' ENTERED AT 15:27:38 ON 15 AUG 2006)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 15:28:11 ON 15 AUG 2006

L1 94 S TRIFOLITOXIN
L2 0 S AGRIBACT? AND L1
L3 12 S AGROBACT? AND L1
L4 8 DUP REM L3 (4 DUPLICATES REMOVED)

=> d l4 1-8 abs

L4 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

AB The present invention provides a method for controlling crown gall disease in plants using an effective quantity of α -proteobacteria that produces trifolitoxin (TFX). The present invention also provides a biocontrol agent for use in the above method, and a plant coated with the biol. control agent. The biocontrol agent is characterized as a biol. pure culture of an α -proteobacteria strain that produces TFX, or an α -proteobacteria strain genetically engineered to produce TFX. The α -proteobacteria strain employed may include any one of the many strains of *Agrobacterium* capable of producing crown galls, including *Agrobacterium vitis* and, in particular, *A. vitis* F2/5. The α -proteobacteria strain employed may be genetically engineered to produce TFX by introducing a genetic construct into the *Agrobacterium* so as to cause *Agrobacterium* to carry and express the *tfx* operon from *Rhizobium*. The bacteria may also be genetically engineered to produce TFX by introducing a pT2TFXK plasmid into the *Agrobacterium*. The biocontrol agent may also be the strain *Agrobacterium vitis* F2/5 (pT2TFXK), ATCC Patent Deposit Designation PTA-2256.

L4 ANSWER 2 OF 8 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

AB Background: *Agrobacterium vitis* is a causal agent of crown-gall disease. Trifolitoxin (TFX) is a peptide antibiotic active only against members of a specific group of alpha-proteobacteria that includes *Agrobacterium* and its close relatives. The ability of TFX production by an avirulent strain of *Agrobacterium* to reduce crown gall disease is examined here. Results: TFX was shown to be inhibitory in vitro against several *A. vitis* strains. TFX production, expressed from the stable plasmid pT2TFXK, conferred biological control activity to an avirulent strain of *A. vitis*. F2/5, against three virulent, TFX-sensitive strains of *A. vitis* tested on *Nicotiana glauca*. F2/5(pT2TFXK) significantly reduces number and size of galls when co-inoculated with tumorigenic strain CG78 at a 10:1 ratio, but is ineffective at 1:1 or 1:10 ratios. F2/5(pT2TFXK) is effective when co-inoculated with tumorigenic strain CG435 at 10:1 and 1:1 ratios, but not at 1:10 ratio. When F2/5(pT2TFXK) is co-inoculated with CG49 at a 10:1 ratio, the incidence of gall formation does not decline but gall size decreases by more than 70%. A 24 h pre-inoculation with F2/5(pT2TFXK) does not improve biological control at the 1:10 ratio. Conclusions: TFX production by an avirulent strain of *Agrobacterium* does confer in that strain the ability to control crown gall disease on *Nicotiana glauca*. This is the first demonstration that the production of a ribosomally synthesized, post-translationally modified peptide antibiotic can confer reduction in plant disease incidence from a bacterial pathogen.

L4 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

AB *Agrobacterium vitis* is a causal agent of crown gall disease. Trifolitoxin (TFX) is a peptide antibiotic active only against members of a specific group of α -proteobacteria that includes *Agrobacterium* and its close relatives. The ability of TFX production by an avirulent strain of *Agrobacterium* to reduce crown gall disease is examined here. TFX was shown to be inhibitory in vitro against several *A. vitis* strains. TFX production, expressed from the stable plasmid pT2TFXK, conferred biol. control activity to an avirulent strain of *A. vitis*, F2/5, against three virulent, TFX-sensitive strains of *A. vitis* tested on *Nicotiana glauca*. F2/5(pT2TFXK) significantly reduces the number and size of galls when co-inoculated with tumorigenic strain CG78 at a 10:1 ratio, but is ineffective at 1:1 or 1:10 ratios. F2/5(pT2TFXK) is effective when co-inoculated with tumorigenic strain CG435 at 10:1 and 1:1 ratios, but not at a 1:10 ratio. When F2/5(pT2TFXK) is co-inoculated with CG49 at a 10:1 ratio, the incidence of gall formation does not decline but gall size decreases by more than 70%. A 24 h pre-inoculation with F2/5(pT2TFXK) does not improve biol. control at the 1:10 ratio. Thus, TFX

production by an avirulent strain of *Agrobacterium* does confer in that strain the ability to control crown gall disease on *Nicotiana glauca*. This is the first demonstration that the production of a ribosomally synthesized, post-translationally modified peptide antibiotic can confer reduction in plant disease incidence from a bacterial pathogen.

L4 ANSWER 4 OF 8 CABA COPYRIGHT 2006 CABI on STN

AB Background: *Agrobacterium vitis* is a causal agent of crown-gall disease. Trifolitoxin (TFX) is a peptide antibiotic active only against members of a specific group of [alpha]-proteobacteria that includes *Agrobacterium* and its close relatives. The ability of TFX production by an avirulent strain of *Agrobacterium* to reduce crown gall disease is examined here. Results: TFX was shown to be inhibitory in vitro against several *A. vitis* strains. TFX production, expressed from the stable plasmid pT2TFXK, conferred biological control activity to an avirulent strain of *A. vitis*. F2/5, against three virulent, TFX-sensitive strains of *A. vitis* tested on *Nicotiana glauca*. F2/5(pT2TFXK) is significantly reduces number and size of galls when co-inoculated with tumorigenic strain CG78 at a 10:1 ratio, but is ineffective at 1:1 or 1:10 ratios. F2/5(pT2TFXK) is effective when co-inoculated with tumorigenic strain CG435 at 10:1 and 1:1 ratios, but not at a 1:10 ratio. When F2/5(pT2TFXK) is co-inoculated with CG49 at a 10:1 ratio, the incidence of gall formation does not decline but gall size decreases by more than 70%. A 24 h pre-inoculation with F2/5(pT2TFXK) does not improve biological control at the 1:10 ratio. Conclusions: TFX production by an avirulent strain of *Agrobacterium* does confer in that strain the ability to control crown gall disease on *Nicotiana glauca*. This is the first demonstration that the production of a ribosomally synthesized, post-translationally modified peptide antibiotic can confer reduction in plant disease incidence from a bacterial pathogen.

L4 ANSWER 5 OF 8 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

L4 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1

AB Three phylogenetically distinct groups within the α -proteobacteria which differ in trifolitoxin sensitivity are described. Trifolitoxin sensitivity was found in strains of *Agrobacterium*, *Brucella*, *Mycoplana*, *Ochrobactrum*, *Phyllobacterium*, *Rhodobacter*, *Rhodopseudomonas*, *Rhodospirillum*, and *Rhizobium*. Strains of *Agrobacterium*, *Brucella*, *Phyllobacterium*, *Rhizobium*, and *Rhodospirillum* produced trifolitoxin upon conjugal transfer of tfxABCDEFGF.

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 15:28:11 ON 15 AUG 2006

L1 94 S TRIFOLITOXIN
L2 0 S AGRIBACT? AND L1
L3 12 S AGROBACT? AND L1
L4 8 DUP REM L3 (4 DUPLICATES REMOVED)

=> e trifolitoxin

E1 4 TRIFOLITIN/BI
E2 1 TRIFOLITOTOXIN/BI
E3 94 --> TRIFOLITOXIN/BI
E4 1 TRIFOLITTOXIN/BI
E5 3 TRIFOLIUM/BI
E6 2 TRIFOLIULUI/BI
E7 52875 TRIFOLIUM/BI
E8 1 TRIFOLIUMHYBRIDUM/BI
E9 1 TRIFOLIUMIN/BI
E10 1 TRIFOLIUMM/BI
E11 3 TRIFOLIUMPRATENSE/BI
E12 4 TRIFOLIUMS/BI

=> e

E13 8 TRIFOLIUM/BI
E14 2 TRIFOLIURN/BI
E15 47 TRIFOLIUS/BI
E16 1 TRIFOLKUM/BI
E17 1 TRIFOLLATE/BI
E18 48 TRIFOLLI/BI
E19 2 TRIFOLLIATA/BI
E20 2 TRIFOLLICULAR/BI
E21 14 TRIFOLLII/BI
E22 1 TRIFOLLIN/BI
E23 1 TRIFOLLIOLATE/BI
E24 7 TRIFOLLIUM/BI

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E25 1 TRIFOLLUM/BI
E26 1 TRIFOLOATA/BI
E27 2 TRIFOLOATE/BI
E28 1 TRIFOLOII/BI
E29 1 TRIFOLOIM/BI
E30 2 TRIFOLOIUM/BI
E31 1 TRIFOLOLATE/BI
E32 2 TRIFOLORIUM/BI
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E34 1 TRIFOLOUM/BI
E35 1 TRIFOLP/BI
E36 1 TRIFOLRHIZIN/BI

=> s e7

L5 52875 TRIFOLIUM/BI

=> s 15 and agrobact?

L6 180 L5 AND AGROBACT?

=> s 16 and (grape or tobacco)

L7 20 L6 AND (GRAPE OR TOBACCO)

=> dup rem 17

PROCESSING COMPLETED FOR L7

L8 17 DUP REM L7 (3 DUPLICATES REMOVED)

=> d 1-7

L8 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2003:702872 CAPLUS
 DN 139:225499
 TI Transformation of plant cells with Aspergillus niger pectin methylesterase gene
 IN Fukusaki, Eiichiro; Kobayashi, Akio; Hasunuma, Masahisa
 PA Osaka Industrial Promotion Organization, Japan
 SO Jpn. Kokai Tokkyo Koho, 11 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003250568	A2	20030909	JP 2002-57546	20020304
PRAI	JP 2002-57546		20020304		

L8 ANSWER 2 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2002:158008 CAPLUS
 DN 136:211940
 TI Nucleic acid sequence of novel genetic vector and methods for plant gene silencing
 IN Baulcombe, David Charles; Martin-Hernandez, Ana Montserrat
 PA Plant Bioscience Limited, UK
 SO PCT Int. Appl., 72 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002016622	A1	20020228	WO 2001-GB3623	20010813
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	AU 2001078598	A5	20020304	AU 2001-78598	20010813
	US 2004078844	A1	20040422	US 2003-362144	20030930
PRAI	GB 2000-20320	A	20000817		
	WO 2001-GB3623	W	20010813		
RE.CNT	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD			
		ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L8 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2001:489422 CAPLUS
 DN 135:89791
 TI Insecticidal proteins and DNA sequences from Bacillus thuringiensis
 IN Arnaut, Greta; Boets, Annemie; Damme, Nicole; Mathieu, Eva; Vanneste, Stijn; Van Rie, Jeroen
 PA Aventis CropScience NV, Belg.
 SO PCT Int. Appl., 64 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001047952	A2	20010705	WO 2000-EP13184	20001219
	WO 2001047952	A3	20020321		

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HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
ZA, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2395897 AA 20010705 CA 2000-2395897 20001219
BR 2000016851 A 20021008 BR 2000-16851 20001219
EP 1255773 A2 20021113 EP 2000-991258 20001219

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

JP 2003518930 T2 20030617 JP 2001-549422 20001219
AU 784649 B2 20060518 AU 2001-31638 20001219
US 2004016020 A1 20040122 US 2003-614524 20030708

PRAI US 1999-173387P P 19991228
US 2000-739243 B1 20001219
WO 2000-EP13184 W 20001219

L8 ANSWER 4 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2001:397024 CAPLUS

DN 135:1212

TI Homologous recombination and molecular evolution of recombination protein
homologs in plants

IN Lassner, Michael; Delcardayre, Steven

PA Maxygen, Inc., USA

SO PCT Int. Appl., 57 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001038504	A2	20010531	WO 2000-US32289	20001122
WO 2001038504	A3	20020124		

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CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6686515 B1 20040203 US 2000-721582 20001122

PRAI US 1999-167450P P 19991123

L8 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2001:168161 CAPLUS

DN 134:218000

TI Use of arabinogalactan protein fusion constructs in expressing proteins or
peptides of pharmaceutical interest in transgenic plants

IN Bailey, Andrea; Yu, Wenjin; Tuboly, Tamas; Nagy, Eva; Erickson, Larry

PA University of Guelph, Can.

SO PCT Int. Appl., 49 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001016339	A1	20010308	WO 2000-CA977	20000825

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 2000066782 A5 20010326 AU 2000-66782 20000825
 PRAI US 1999-151147P P 19990827
 WO 2000-CA977 W 20000825
 RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1
 AN 2001:642838 CAPLUS
 DN 135:317120
 TI Towards development of an edible vaccine against bovine pneumonic pasteurellosis using transgenic white clover expressing a Mannheimia haemolytica A1 leukotoxin 50 fusion protein
 AU Lee, Raymond W. H.; Strommer, Judith; Hodgins, Doug; Shewen, Patricia E.; Niu, Yongqing; Lo, Reggie Y. C.
 CS Department of Microbiology, University of Guelph, Guelph, ON, N1G 2W1, Can.
 SO Infection and Immunity (2001), 69(9), 5786-5793
 CODEN: INFIBR; ISSN: 0019-9567
 PB American Society for Microbiology
 DT Journal
 LA English
 RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2000:513784 CAPLUS
 DN 133:130821
 TI Control of plant virus infection using replication-associated proteins and iteron elements of the origins of replication
 IN Fauquet, Claude; Chatterji, Anju
 PA Scripps Research Institute, USA
 SO PCT Int. Appl., 172 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000043494	A2	20000727	WO 2000-US1849	20000127
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
WO 2000043494	A3	20001130	WO 2000-US200001849	20000127
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ,				

MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,
 IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML,
 MR, NE, SN, TD, TG
 EP 1147177 A2 20011024 EP 2000-905726 20000127
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 PRAI US 1999-117285P P 19990126
 WO 2000-US1849 W 20000127

=> d his

(FILE 'HOME' ENTERED AT 15:27:38 ON 15 AUG 2006)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 15:28:11 ON 15 AUG 2006

L1 94 S TRIFOLITOXIN
 L2 0 S AGRIBACT? AND L1
 L3 12 S AGROBACT? AND L1
 L4 8 DUP REM L3 (4 DUPLICATES REMOVED)
 E TRIFOLITOXIN
 L5 52875 S E7
 L6 180 S L5 AND AGROBACT?
 L7 20 S L6 AND (GRAPE OR TOBACCO)
 L8 17 DUP REM L7 (3 DUPLICATES REMOVED)

=>

SWER 1 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:702872 CAPLUS
 DOCUMENT NUMBER: 139:225499
 TITLE: Transformation of plant cells with Aspergillus niger
 pectin methylesterase gene
 INVENTOR(S): Fukusaki, Eiichiro; Kobayashi, Akio; Hasunuma,
 Masahisa
 PATENT ASSIGNEE(S): Osaka Industrial Promotion Organization, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2003250568	A2	20030909	JP 2002-57546	20020304
PRIORITY APPLN. INFO.:			JP 2002-57546	20020304

=> s agrobact vitis
 VITIS IS NOT A RECOGNIZED COMMAND
 The previous command name entered was not recognized by the system.
 For a list of commands available to you in the current file, enter
 "HELP COMMANDS" at an arrow prompt (=>).

=> s agrobacteruyn vutus
 L9 0 AGROBACTERUYN VUTUS

=> s agrobacterium vitis
 L10 422 AGROBACTERIUM VITIS

=> s l10 and F2/5
 '5' IS NOT A VALID FIELD CODE
 '5' IS NOT A VALID FIELD CODE
 '5' IS NOT A VALID FIELD CODE
 '5' IS NOT A VALID FIELD CODE
 L11 0 L10 AND F2/5

=> s l10 and strainF2/5
 '5' IS NOT A VALID FIELD CODE
 '5' IS NOT A VALID FIELD CODE
 '5' IS NOT A VALID FIELD CODE
 '5' IS NOT A VALID FIELD CODE
 L12 0 L10 AND STRAINF2/5

=> s l10 and trifolitoxin
 L13 5 L10 AND TRIFOLITOXIN

=> d 1-5

L13 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2002:380003 CAPLUS
 DN 137:106455
 TI Expression of a crown gall biological control phenotype in a virulent
 strain of Agrobacterium vitis by addition of the
 trifolitoxin production and resistance genes
 AU Herlache, Thomas C.; Triplett, Eric W.
 CS Department of Agronomy, University of Wisconsin-Madison, Madison, WI,
 53706, USA
 SO BMC Biotechnology [online computer file] (2002), 2, No pp. given
 CODEN: BBMIE6; ISSN: 1472-6750
 URL: <http://www.biomedcentral.com/content/pdf/1472-6750-2-2.pdf>

PB BioMed Central Ltd.
 DT Journal; (online computer file)
 LA English
 RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2002:142444 CAPLUS
 DN 136:179302
 TI Biological control of crown gall disease in plants with recombinant
 trifolitoxin-producing α -proteobacteria
 IN Triplett, Eric W.; Herlache, Thomas C.
 PA Wisconsin Alumni Research Foundation, USA
 SO PCT Int. Appl., 46 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002013614	A2	20020221	WO 2001-US25120	20010810
	WO 2002013614	A3	20020912		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,				
	HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,				
	LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,				
	RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,				
	VN, YU, ZA, ZW				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				
	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,				
	BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2419890	AA	20020221	CA 2001-2419890	20010810
	AU 2001083283	A5	20020225	AU 2001-83283	20010810
	US 2002090354	A1	20020711	US 2001-927616	20010810
	EP 1307103	A2	20030507	EP 2001-962069	20010810
	EP 1307103	B1	20041201		
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	AT 283632	E	20041215	AT 2001-962069	20010810
	NZ 523390	A	20060526	NZ 2001-523390	20010810
PRAI	US 2000-224929P	P	20000811		
	WO 2001-US25120	W	20010810		

L13 ANSWER 3 OF 5 CABA COPYRIGHT 2006 CABI on STN
 AN 2004:171982 CABA
 DN 20043152802
 TI Expression of a crown gall biological control phenotype in an avirulent
 strain of Agrobacterium vitis by addition of the
 trifolitoxin production and resistance genes
 AU Herlache, T. C.; Triplett, E. W.
 CS Department of Agronomy, University of Wisconsin-Madison, 1575 Linden
 Drive, Madison, WI 53706, USA. tcherlache@facstaff.wisc.edu;
 tripplett@facstaff.wisc.edu
 SO BMC Biotechnology, (2002) Vol. 2, No. 2, pp. (6 March 2002). 31 ref.
 Publisher: BioMed Central Ltd. London
 ISSN: 1472-6750
 URL: <http://www.biomedcentral.com/1472-6750/2/2/abstract>
 CY United Kingdom
 DT Journal
 LA English
 ED Entered STN: 8 Nov 2004
 Last Updated on STN: 8 Nov 2004

L13 ANSWER 4 OF 5 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

AN 2002:355974 BIOSIS
 DN PREV200200355974
 TI Expression of a crown gall biological control phenotype in an avirulent strain of *Agrobacterium vitis* by addition of the trifolitoxin production and resistance genes.
 AU Herlache, Thomas C.; Triplett, Eric W. [Reprint author]
 CS Department of Agronomy,, University of Wisconsin-Madison, 1575 Linden Drive, Madison, WI, 53706, USA
 tcherlache@facstaff.wisc.edu; triplett@facstaff.wisc.edu
 SO BMC Biotechnology, (March 6, 2002) Vol. 2, No. 2 Cited May 5, 2002, pp. 1-7. <http://www.biomedcentral.com/content/pdf/1472-6750-2-2.pdf>. cited June 4, 2002. <http://www.biomedcentral.com/1472-6750>. online. ISSN: 1472-6750.
 DT Article
 LA English
 ED Entered STN: 26 Jun 2002
 Last Updated on STN: 26 Jun 2002

L13 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 AN 2000:319909 BIOSIS
 DN PREV200000319909
 TI Trifolitoxin production enhances biological control of *A. vitis*-induced crown gall.
 AU Herlache, T. C. [Reprint author]; Triplett, E. [Reprint author]
 CS University of Wisconsin-Madison, Madison, WI, USA
 SO Phytopathology, (June, 2000) Vol. 90, No. 6 Supplement, pp. S35. print. Meeting Info.: Annual Meeting of the American Phytopathological Society. New Orleans, Louisiana, USA. August 12-16, 2000. American Phytopathological Society.
 CODEN: PHYTAJ. ISSN: 0031-949X.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 26 Jul 2000
 Last Updated on STN: 7 Jan 2002

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